

## REPLACEMENT SHEET

3241 ACAAGCAGGGATATGTGGGCCACTGGATCTTTGCCAGACTTCCCAGCTGCAGCCAAGTTC  
2001 T S R D M W A T G S L P D F P A A A K F  
3301 TTAGGGTTCCGTCAGCGCTGCATCCCCAGGAGCCTCTGCCTCAGTGAGTGTCTCTGGAG  
2021 L G F R Q R C I P R S L C L S E C P L E  
3361 CCCCCAAGCCTCACCCGCTCTGTGCCACTCTGAAGGACTGCCCGGGACCCCTGGAAGTGC  
2041 P P S L T R L C A T L K D C P G P L E L  
3421 CAATTGTCCTGTGAGTTCCTGAGTGACCAGAGCCTGGAGACTCTACTGGACTGCTTACCT  
2061 Q L S C E F L S D Q S L E T L L D C L P  
3481 CAACTCCCTCAGCTGAGCCTGCTGCAGCTGAGCCAGACGGGACTGTCCCCGAAAAGCCCC  
2081 Q L P Q L S L L Q L S Q T G L S P K S P  
3541 TTCCTGCTGGCCAACACCTTAAGCCTGTGTCCACGGGTTAAAAAGGTGGATCTCAGGTCC  
2101 F L L A N T L S L C P R V K K V D L R S  
3601 CTGCACCATGCAACTTTGCACTTCAGATCCAACGAGGAGGAGGAAGGCGTGTGCTGTGGC  
2121 L H H A T L H F R S N E E E E G V C C G  
3661 AGGTTACAGGCTGCAGCCTCAGCCAGGAGCACGTAGAGTCACTCTGCTGGTTGCTGAGC  
2141 R F T G C S L S Q E H V E S L C W L L S  
3721 AAGTGTAAGACCTCAGCCAGGTGGATCTCTCAGCAAACCTGCTGGGCGACAGCGGACTC  
2161 K C K D L S Q V D L S A N L L G D S G L  
3781 AGATGCCTTCTGGAATGTCTGCCGACGGTGGCCATCTCCGGTTTGCTTGATCTGAGTCA  
2181 R C L L E C L P Q V P I S G L L D L S H  
3841 AACAGCATTTCTCAGGAAAGTGCCCTGTACCTGCTGGAGACACTGCCCTCCTGCCACGT  
2201 N S I S Q E S A L Y L L E T L P S C P R  
3901 GTCCGGGAGGCCTCAGTGAACCTGGGCTCTGAGCAGAGCTTCCGGATTCACCTTCTCCAGA  
2221 V R E A S V N L G S E Q S F R I H F S R  
3961 GAGGACCAGGCTGGGAAGACACTCAGGCTAAGTGAGTGCAGCTTCCGGCCAGAGCACGTG  
2241 E D Q A G K T L R L S E C S F R P E H V  
4021 TCCAGGCTGGCCACCGCTTGAGCAAGTCCCTGCAGCTGACGGAGCTCACGCTGACCCAG  
2261 S R L A T G L S K S L Q L T E L T L T Q  
4081 TGCTGCCTGGGCCAGAAGCAGCTGGCCATCCTCCTGAGCTTGCTGGGGCGACCCGAGGG  
2281 C C L G Q K Q L A I L L S L V G R P A G  
4141 CTGTTTCAGCCTCAGGGTGCAGGAGCCGTGGGCGGACAGAGCCAGGGTTCTCTCCCTGTTA  
2301 L F S L R V Q E P W A D R A R V L S L L  
4201 GAAGTCTGCGCCAGGCCTCAGGCAGTGTCAGTGAATCAGCATCTCCGAGACCCAGCAG  
2321 E V C A Q A S G S V T E I S I S E T Q Q  
4261 CAGCTCTGTGTCCAGCTGGAATTTCTCGCCAGGAAGAGAATCCAGAAGCTGTGGCACTC  
2341 Q L C V Q L E F P R Q E E N P E A V A L  
4321 AGGTTGGCTCACTGTGACCTTGAGAGCCACCAAGCCTTCTTGTGCGGCAGCTGATGGAG  
2361 R L A H C D L G A H H S L L V G Q L M E  
4381 ACATGTGCCAGGCTGCAGCAGCTCAGCTTGTCTCAGGTTAACCTCTGTGAGGACGATGAT  
2381 T C A R L Q Q L S L S Q V N L C E D D D  
4441 GCCAGTTCCTGTGCTGCTGCAGAGCCTCCTGCTGTCCCTCTCTGAGCTGAAGACATTTTCG  
2401 A S S L L L Q S L L L S L S E L K T F R  
4501 CTGACCTCCAGCTGTGTGAGCACCGAGGGCCTCGCCACCTGGCATCTGGTCTGGGCCAC  
2421 L T S S C V S T E G L A H L A S G L G H  
4561 TGCCACCACTTGAGGAGCTGGAATTTGATGAGGAGGGACCAAG  
2441 C H H L E E L D L S N N Q F D E E G T K  
4621 GCGCTGATGAGGGCCCTTGAGGGGAAATGGATGCTAAAGAGGCTGGACCTCAGTCACCTT  
2461 A L M R A L E G K W M L K R L D L S H L  
4681 CTGCTGAACAGCTCCACCTTGGCCTTGCTTACTCACAGACTAAGCCAGATGACCTGCCTG  
2481 L L N S S T L A L L T H R L S Q M T C L  
4741 CAGAGCCTCAGACTGAACAGGAACAGTATCGGTGATGTCGGTTGCTGCCACCTTTCTGAG  
2501 Q S L R L N R N S I G D V G C C H L S E  
4801 GCTCTCAGGGCTGCCACAGCCTAGAGGAGCTGGACTTGAGCCACAACCAGATTGGAGAC  
2521 A L R A A T S L E E L D L S H N Q I G D

FIG. 30C  
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# REPLACEMENT SHEET

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4861 GCTGGTGTCCAGCACTTAGCTACCATCCTGCCTGGGCTGCCAGAGCTCAGGAAGATAGAC
2541 A G V Q H L A T I L P G L P E L R K I D
4921 CTCTCAGGGAATAGCATCAGCTCAGCCGGGGGAGTGCAGTTGGCAGAGTCTCTCGTTCTT
2561 L S G N S I S S A G G V Q L A E S L V L
4981 TGCAGGCGCCTGGAGGAGTTGATGCTTGGCTGCAATGCCCTGGGGGATCCCACAGCCCTG
2581 C R R L E E L M L G C N A L G D P T A L
5041 GGGCTGGCTCAGGAGCTGCCCCAGCACCTGAGGGTCTTACACCTACCATTTCAGCCATCTG
2601 G L A Q E L P Q H L R V L H L P F S H L
5101 GGCCAGGTGGGGCCCTGAGCCTGGCCAGGCCCTGGATGGATCCCCCATTGGAAGAG
2621 G P G G A L S L A Q A L D G S P H L E E
5161 ATCAGCTTGGCGGAAAACAACCTGGCTGGAGGGGTCTGCGTTTCTGTATGGAGCTCCCG
2641 I S L A E N N L A G G V L R F C M E L P
5221 CTGCTCAGACAGATAGACCTGGTTTCCTGTAAGATTGACAACCAGACTGCCAAGCTCCTC
2661 L L R Q I D L V S C K I D N Q T A K L L
5281 ACCTCCAGCTTCACGAGCTGCCCTGCCCTGGAAGTAATCTTGCTGTCCTGGAATCTCCTC
2681 T S S F T S C P A L E V I L L S W N L L
5341 GGGGATGAGGCAGCTGCCGAGCTGGCCAGGTGCTGCCGAAGATGGGCCGGCTGAAGAGA
2701 G D E A A A E L A Q V L P K M G R L K R
5401 GTGGACCTGGAGAAGAATCAGATCACAGCTTTGGGGGCTGGCTCCTGGCTGAAGGACTG
2721 V D L E K N Q I T A L G A W L L A E G L
5464 GCCCAGGGGTCTAGCATCCAAGTCATCCGCCTCTGGAATAACCCCATTCCTGCGACATG
2741 A Q G S S I Q V I R L W N N P I P C D M
5521 GCCCAGCACCTGAAGAGCCAGGAGCCCAGGCTGGACTTTGCCTTCTTTGACAACCAGCCC
2761 A Q H L K S Q E P R L D F A F F D N Q P
5581 CAGGCCCTTGGGGTACTTGA (SEQ ID NO:185)
2781 Q A P W G T - (SEQ ID NO:186)

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FIG. 30D

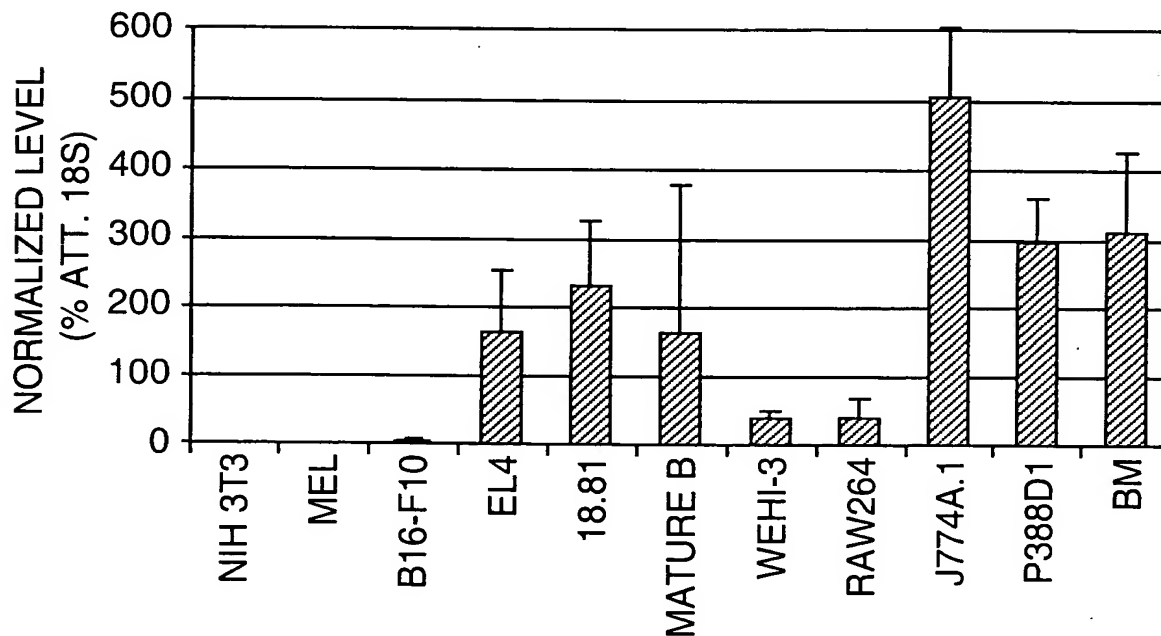


FIG. 31A  
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